

Semi-Annual Social Monitoring Report

Project number: 42173-013

Period: July – December 2019
Submission Date: January 2020

BAN: Dhaka Environmentally Sustainable Water Supply Project

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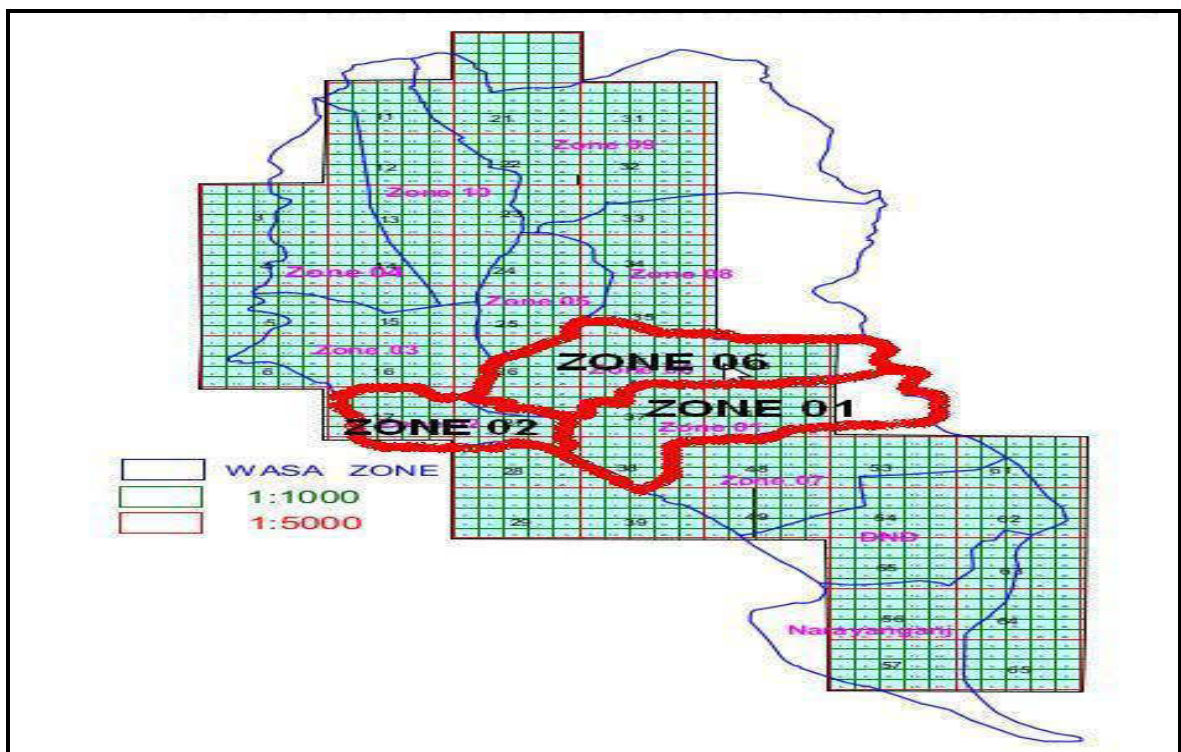
Government of the People`s Republic of Bangladesh
Ministry of Local Government, Rural Development and Co-operatives

**Dhaka Environmentally Sustainable Water Supply Project (DESWSP)
ADB Loan No-3051-BAN (SF)**

**Funded by:
Asian Development Bank and Government of Bangladesh**

SEMI ANNUAL SOCIAL SAFEGUARD MONITORING REPORT

Year 2019: (July-December 2019)
Submitted: January, 2020



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ABBREVIATIONS

ADB	Asian Development Bank
AP	Affected Person
DWASA	Dhaka Water Supply and Sewerage Authority
DMC	Design Management Consultant
DESWSP	Dhaka Environmentally Sustainable Water Supply Project
DMA's	District Metering Areas
EMP	Environmental Management Plan
EA	Executing Agency
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
FGD	Focus Group Discussion
GAP	Gender Action Plan
GRC	Grievance Redress Committee
IP	Indigenous People
NGO	Non-Government Organization
RP	Resettlement Plan
RF	Resettlement Frame Work
WASA	Water Supply and Sewerage Authority
GoB	Government of Bangladesh
Ha	Hectare
ICB	International Competitive Bidding
IPP	Indigenous People`s Plan
PMU	Project Management Unit
PCU	Project Coordination unit

1. Executive Summary

The project package No. ICB 2.7 is prepared as part of a new project titled – Dhaka Environmentally Sustainable Water supply Project (DESWSP), implemented similarly as contracts under DWSWSP. Dhaka Environmentally Sustainable Water Supply Project (DESWSP) has been implementing activities in an around 16 District Metering Areas (DMAs) to improve water supply status to certain limit in the network in Dhaka City.

The activities broadly include i) rehabilitation or replacement of 376 km distribution pipeline of diameters varies from 150-500 mm and ii) rehabilitation of approximately 35500 house connections including installation of meters for serving more than 12 million population. iii) Resettlement of project affected people caused from implementation of this project.

The Resettlement activities are being implemented under International Contract Bidding (ICB) packages 2.7 of zone-6 by one Non-government Organization (NGO) (Samahar) since February 2015.

There is no land acquisition under the proposed package. The main resettlement impact is the potential reduction in the income of shops and other businesses if the presence of trenches, excavated soil, and machinery make access difficult for customers for a long time.

Issues of involuntary resettlement is being addressed according to national legislation (Government of Bangladesh Acquisition of immovable Property Ordinance, 1982), and ADB Safeguard Policy Statement (SPS), 2009, and DWASA Policy (Resettlement Policy Framework, 2013). A Resettlement Framework (Resettlement Framework) was developed for DESWSP to provide the mechanism through which Resettlement Plan (RP) is being prepared for each Hydraulic area (DMA) in the detailed design stage.

Status of Resettlement Preparation and submitted during Reporting Period (July-December, 2019): All Resettlement Plans has been prepared and submitted before this quarter. In this quarter, six Affected Persons (APs) have been identified and compensated.

2. Background of the Report and Project Description

This semi-annual report covers period of July-December, 2019 and prepared on the ADB Social Safeguard Monitoring reporting structure. Among other resettlement activities, the report provides information on identification of Affected Persons and their compensation payment status since inception.

The project, DESWSP provides services to improve quality water supply, water pressure in the pipe lines, cost recovery, reduce water loss and gradual ground water depleting in Dhaka city. The Project is refurbishing existing water supply networks to repair leaks, increase capacity and pressure, remove illegal connections and provide a new system of metering to streamline leak detection and control and Aid cost recovery; Rehabilitation and reconstruction of the water supply system under the project are likely to have impacts (permanent and temporary) to the dwellers in the project sites.

Involuntary Resettlement impact that occurs from this project will be addressed according to ADB Safeguard policy statement (SPS) 2009 policy and Government of Bangladesh (GoB) Acquisition and Requisition of Immovable Property Ordinance 1982 (APIRO).

3. Involvement of NGO (SAMAHAR) for implementation of Resettlement Plan

SAMAHAR, a local NGO has been involved since February 2015 to raise awareness among the local people with regard to the project intervention, provide support to the contractor and for implementation of the Resettlement Plan. The NGO has informed the local people about the construction work and have made them aware about temporary communication and water supply disruption and also the project benefits. They have also informed the local people that they do not need to pay extra money for installation of the new piped water system. The NGO has surveyed all the roads based on the Contractor's design and have identified Affected Persons and prepared all relevant documents for paying compensation. In case of any grievance, the NGO has assisted the Affected Persons to submit the grievance forms and ensure compensation is paid for any loss by the Contractor. The NGO staff has facilitated coordination between physical resettlement works plan and implementation. They ensured all compensation was paid to the Affected Persons well ahead of civil work.

The following measures have been taken to address negative impacts

- A team consisting of 5 (Five) members which includes DESWSP Social and Gender Specialist, Resettlement and Awareness Specialist, MSC, Team Leader SAMAHAR and Site Engineer of the contractor made joint visit to identify the Affected Persons.
- Regular follow-up and monitoring the NGO works by the DESWSP Social and Gender Specialist, Resettlement and Awareness Specialist, MSC
- DESWSP Social and Gender Specialist, Resettlement and Awareness Specialist, MSC, Team Leader SAMAHAR arranged separate meetings with the contractors in regards to prompt payment of the affected persons,
- Regular monthly meeting at Project Director office at WASA building with PMO,PCU, Contractor and NGO
- Regular submission of monthly and quarterly progress report

4. Social Safeguard Impacts

During the reporting period July to December 2019, physical activities are being done in DMA614, 616, 615 and 611. During construction, if any existing utility services are damaged; respective contractors will repair those damages by their own initiatives and/or by respective departments.

Summary of Identified Impacts of DMAs for the reporting period (July to December 2019)

In this quarter in DMA 615, total six persons received compensation against their grievance. Among them one was woman and five were men. The woman was seriously hurt, as the contractor had left an open trench for two months with proper barricading. Another five shopkeepers also suffered from the same case. They received total amount of Tk. 108665.

4.1 Internal Monitoring

The purpose of the monitoring is to assess the progress of resettlement works, and identifying potential progress and difficulties. SAMAHAR is responsible for preparing a separate Resettlement Plan for each DMA under Distribution Network Improvement component. The Resettlement and Awareness Expert of MSC and Gender and Safeguard Officer of PMU are responsible for carrying out the internal monitoring, which includes carrying out social impact assessment, finalizing the Resettlement Plan (prepared by the Resettlement NGO) and preparation of Semi Annual Social Safeguard Monitoring Report. After ADB approval PMU disclose the report on its website and public places. The key indicators which are being monitored regularly by MSC and PMU are:

1. Identification of Affected Persons as per policy described in the Resettlement Plan
2. Payment of the compensation to all affected persons in various categories, according to the compensation policy described in the Resettlement Plan.
3. Public information and dissemination and consultation procedures
4. Adherence to grievance procedures and outstanding issues requiring management's attention

4.2 External Monitoring

As the projects/packages are Category - B, so there is no need to monitor the project activities by the external monitor.

5. Scope of Impacts

The Resettlement impacts have been observed in roads where new pipes have been installed. The nature and extent of resettlement impacts have been assessed through conducting field survey in all roads, lanes and sub-lanes under all DMAs. Prescribed tools used to record resettlement impacts and socio-economic information, which include:

- i. Numbers and types of ownership of affected shops and other business;

- ii. Average business incomes, rent paid by tenants and numbers of employees;
- iii. Numbers and types of affected hawkers, average daily incomes and any rent paid;
- iv. Numbers and types of affected structures (including common property and resources) and replacement costs: and
- v. Any other Resettlement Impacts.

Total six Affected Persons have been compensated during this quarter. Till December, 2019, a total amount of Tk. 915415 have been distributed among the 360 Affected Person within 16 DMAs. The following was the tentative budget for resettlement of 16 DMAs.

Table-1: DMA wise Resettlement Cost Summary

SL. No.	DMA	Resettlement Costs	Quantity	Unit Cost (BDT)	Total (BDT)	Total US\$ (\$ 1 @ Tk 78)
1	601	Temporary loss of income to hawkers / vendors	15	2,166.67	32,500.05	416.67
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,166.67	32,500.05	416.67
2	602	Temporary loss of income to hawkers / vendors	2	2,500.00	5,000.00	64.10
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,500.00	5,000.00	64.10
3	603	Temporary loss of income to hawkers / vendors	8	2,062.50	16,500.00	211.54
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,062.50	16,500.00	211.54
4	604	Temporary loss of income to hawkers / vendors	16	2,281.25	36,500.00	467.95
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,281.25	36,500.00	467.95
5	605	Temporary loss of income to hawkers / vendors	22	2,011.36	44,249.92	567.31
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,011.36	44,249.92	567.31
6	606	Temporary loss of income to hawkers / vendors	48	2,296.88	110,250.24	1,413.46
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,296.88	110,250.24	1,413.46

SL. No.	DMA	Resettlement Costs	Quantity	Unit Cost (BDT)	Total (BDT)	Total US\$ (\$ 1 @ Tk 78)
7	607	Temporary loss of income to hawkers / vendors	8	1,843.75	14,750.00	189.10
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	1,843.75	14,750.00	189.10
8	608	Temporary loss of income to hawkers / vendors	9	2,222.22	19,999.98	256.41
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,222.22	19,999.98	256.41
9	609	Temporary loss of income to hawkers / vendors	26	2,384.62	62,000.12	794.87
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,384.62	62,000.12	794.87
10	610	Temporary loss of income to hawkers / vendors	35	2,314.29	81,000.15	1,038.46
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,314.29	81,000.15	1,038.46
11	611	Temporary loss of income to hawkers / vendors	45	1,888.89	85,000.05	1,089.74
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	1,888.89	85,000.05	1,089.74
12	612	Temporary loss of income to hawkers / vendors	8	2,437.50	19,500.00	250.00
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-

SL. No.	DMA	Resettlement Costs	Quantity	Unit Cost (BDT)	Total (BDT)	Total US\$ (\$ 1 @ Tk 78)
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,437.50	19,500.00	250.00
13	613	Temporary loss of income to hawkers / vendors	46	2,163.04	99,499.84	1,275.64
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	-	-
		Contingency Cost @ 10%	0	-	-	-
		Total=	0	2,163.04	99,499.84	1,275.64

SL. No.	DMA	Resettlement Costs	Quantity	Unit Cost (BDT)	Total (BDT)	Total US\$ (\$ 1 @ Tk 80)
14	614	Temporary loss of income to hawkers / vendors	35	2,350.00	82,250.00	1,028.13
		Additional assistance to vulnerable APs	5	1,750.00	8,750.00	109.38
		GRM	Lump Sum	-	100,000.00	1,250.00
		Contingency Cost @ 10%	0	-	19,100.00	238.75
		Total=	0	4,100.00	210,100.00	2,626.25
15	615	Temporary loss of income to hawkers / vendors	30	1,933.33	57,999.90	725.00
		Additional assistance to vulnerable APs	6	1,750.00	10,500.00	131.25
		GRM	Lump Sum	-	100,000.00	1,250.00
		Contingency Cost @ 10%	0	-	17,200.00	215.00
		Total=	0	3,683.33	185,699.90	2,321.25
16	616	Temporary loss of income to hawkers / vendors	5	3,200.00	16,000.00	200.00
		Additional assistance to vulnerable APs	0	-	-	-
		GRM	Lump Sum	-	100,000.00	1,250.00
		Contingency Cost @ 10%	0	-	11,600.00	145.00
		Total=	0	3,200.00	127,600.00	1,595.00

Table- 2 Summary of Affected persons and Compensation status of the 16 DMAs ICB-02.7, Zone 6

DMA	MODS Zone	Submitted Resettlement Plan	Total Affected Person	Persons compensated	Amount compensated earlier (BDT)	Amount compensated During July-December, 19 (BDT)	Remarks
601	6	Yes	15	15	32500	No	Completed and Handed over to Project Coordination Unit headed by XEN of Mod Zone 6.
602	6	Yes	02	02	5000	No	Completed and Handed over to PCU
603	6	Yes	08	08	16500	No	Completed and Handed over to PCU
604	6	Yes	16	16	36500	No	Completed and Handed over to PCU
605	6	Yes	22	22	44250	No	Construction work in progress
606	6	Yes	48	48	107750	No.	Completed and Handed over to PCU
607	6	Yes	08	08	14750	No	Completed and Handed over to PCU
608	6	Yes	09	09	18000	No	Completed and Handed over to PCU
609	6	Yes	26	26	62000	No	Completed and Handed over to PCU
610	6	Yes	35	35	79000	No	Completed and Handed over to PCU
611	6	Yes	45	44	93000	No	Construction work in progress
612	6	Yes	08	08	19000	No	Completed and Handed over to PCU
613	6	Yes	46	46	99500	No	Completed and Handed over to PCU
614	6	Yes	35	35	91000	No	Construction work in progress
615	6	Yes	30	36	180665	No	Construction work in progress
616	6	Yes	5	5	16000	No	Construction work in progress
		Total	358	360	915415	No	

Identification of Affected Persons: All Affected Person received compensations for business and income losses, also assistance for relocation of their business cause by project implementation. NGO surveyed all roads of the respective DMAs where physical work will be implemented. They have assessed compensation amount for Affected Persons in roads which will be blocked temporarily for 4-5 days. Till December,2019 total 360 persons have been identified as affected persons. Among them 50 are Female Headed Households. No special support has been given to the Affected Persons within this quarter (July-December,2019)

6. Institutional Arrangement and Capacity

6.1 Institutional Arrangement

Dhaka Water Supply and Sewerage Authority (DWASA) is both for Executing Agency (EA) and Implementation Agency (IA) for implementation of the project. A Project Management Unit (PMU) has been established with a Safeguard Implementation Unit (SIU) with a staff of Social and Gender Development Officer. The SIU Social and Gender Development Officer assisted by the Resettlement Expert of MSC oversee the implementation of involuntary resettlement safeguard work under the project with support of the resettlement NGO. The other staff responsible for looking the safeguard issue of the project include: one Executive Engineers, two Assistant Engineers and two Sub-assistant Engineers. The Project Director and two Deputy Project Directors and one Senior Water Supply Engineer administer the overall activities;

Consultant (MSC): The Resettlement Expert and Social and Gender Expert are responsible for taking care of the resettlement work of all pipeline rehabilitation contracts of ICB 02.7. One Contract Management Expert, two Assistant Residential Engineers (ARE) and four Sub-Assistant Residential Engineers (SARE) are working for supervision and quality control of physical construction/implementation work and also co-ordinates with the resettlement team. The NGO staff work in close co-ordination with CME's team and takes care to resolve day to day problems of affected people within the ongoing construction areas.

NGO; The NGO consists of 9 members. The NGO is responsible for implementing all the required field work and training associated with the resettlement work. The NGO is working in close coordination with DWASA PMU for public awareness campaign to ensure dissemination of key messages that are gender sensitive, in a format easily understood by residents of the project area. Information disseminated includes implementation schedule, possible disruptions, grievance Redress Procedure. The NGO will generate awareness about employment opportunity, entitlements, compensation etc. The NGO will assist DWASA and LIC to provide water connection through formation of CBO (Community Based Organization).

During implementation, the NGO staff discussed the implementation issues with the local people, affected persons and various organizations including schools, mosques, kitchen markets, shopping malls or other important places. During construction access has to be provided for the movement of rickshaws on which women and children are dependent for commuting.

Issues discussed/message disseminated: During time/ period of physical work execution in particular road, ensuring uninterrupted water supply/alternative supply for interrupted consumers, keeping road accessible/ensuring alternative traffic arrangement, legalization of illegal connections and compensation payment to Affected Persons.

A transparent, fair and effective complaint procedure has been established by the PMU. Any affected persons or the concerned residents who may be affected by construction, can approach the concerned officer. Leaflets with the contact cell phone number of the Executive Engineer of PMU/PCU, Resettlement Expert of MSC, NGO officials and contractor's assigned persons, Site Engineers and Contractors office address etc. were distributed in the project area.

6.2 Compensation and Rehabilitation:

During July.-December 2019, six Affected Persons. have been compensated

6.3 Disclosure and public consultation:

No Resettlement Plan has been prepared in this quarter. The NGO staff conducted 23 consultations/ awareness campaigns in the form of public consultation and tea stall meeting within this quarter (July-December, 2019), where 413 participants were present. Among them 347 (84%) were women. Till December 2019 total 516 consultation sessions have been conducted in the form of tea stall and public consultations. Total 4870 people participated in those meetings. Out of total participants 2035 (42%) were female.

6.4 Monitoring Results- Findings

Up to the reporting period, 16 Resettlement Plans have been submitted to the ADB. Compensation has been paid to the one woman and five shop keepers. Till December, 2019, total 360 APs have been compensated a total amount of Tk. 915415. Among them 50 (14%) are women, elderly and disabled. 100% of them are aware about their entitlement and compensation. Total 23 meetings have been conducted in the form of public consultation meetings, tea stall and public disclosure have been held within six months (July-December, 2019, where 413 participants were present. Among them 347 (84%) were women.

Till December 2019, total 493 consultation sessions have been conducted in the form of community meeting, FGDs and public consultations. Total 4738 +413=5151 people participated in those meetings. Out of total participants, which 2035 (42%) were female.

Grievance Redress Mechanism (GRC)

Dhaka WASA has established GRC. During the reporting period (July-December 2019), 6 complaints have been received by the local people of DMA.615. All the APs have received compensation. Before this quarter, total 11 persons raised grievance. Out of the total 11, 9 have been compensated, one person left the place and other one died, whose family refused to take compensation.

7. Follow up Actions, Recommendations and Disclosure

The following actions need to be taken;

- a. Regular progress meetings at Project Director Office, where Contractors, NGO, MSC and PMU staffs are present.
- b. More intensive supervision of safeguard activities at the field level from the Dhaka WASA and MSC site
- c. The NGO staffs are instructed to arrange extra meeting to increase women participants in the meetings
- d. The contractors and NGO staffs are instructed to pay special attention to the Affected Persons who will raise the Grievance

8. Required Action to be Monitored and Reported During the Next Monitoring Report

In the next monitoring period the following have to be monitored and reported:

- a. Ensuring alternative water supply to the households where connection would be disrupted during implementation by the contractor, and
- b. Monitoring removal of excavated earth from the road.
- c. Ensure contractor payment to the Affected Persons in time against grievance.

9. Information of Disclosure, Consultation and Participation

Public Consultation

Conducting public disclosure meetings at key stages have been done to inform the public regarding the progress and future plans and to provide copies of Summary Resettlement Plan in Bangla. During detailed design Focus Group Discussions (FGD) were conducted together with the MSC Resettlement Specialist with stakeholders and public meetings (large and small-scale) to discuss and plan construction work with individual communities to reduce disturbance and other impacts and provide a mechanism through which stakeholders can participate in project monitoring and evaluation.

Resettlement impact was assessed by conducting a reconnaissance and house connection survey in all roads of DMA 614,616, 615 and 611. In this quarter the NGO SAMAHAR raised awareness among the local people on: Importance of the Project, Implementation Strategy and HH Connection, pipe line distribution etc.

Total 23 meetings have been conducted in the form of public consultation and tea stall within six months (July-December, 2019) where 413 participants were present. Among them 347 (84%) were women. The following Table 3 summarize the consultation key issues in the meetings.

Table.3 Summary of Consultation and Participation (July-December 19)

Name of Meeting	DMA No	Date	Time	Venue	# of Participants			Issue Discussed
					Male	Female	Total	
Tea Stall Meeting	614	15-10-2019	11.30	Feroz Tea Stall, New Eskaton	8	2	10	Importance of the Project, Implementation Strategy and HH Connection & Pipe line Distribution. Formation of GRC and Grievance Redress Mechanism
		23-10-2019	12.30	Rasel Tea Stall	8	3	11	
Total					16	5	21	
Tea Stall Meeting	615	2-10-2019	11.00	Abdul Kuddus Tea Stall, Bijoy nagar	10	3	13	Importance of the Project, Implementation Strategy and HH Connection & Pipe line Distribution. Formation of GRC and Grievance Redress Mechanism
		10-10-2019	11.45	Shohel Tea Stall, Shantinagar	7	5	12	
		24-10-2019	12.00	Anik Tea Stall, Purana Paltan	9	2	11	
Total					26	10	36	
Grant Total					42	15	57	
LIC Training								
CBO Management and WASH Training	611	2-11-2019	9.00	Mogbazar Wireless Auditorium	18	12	30	CBO Management and WASH Training
		23-11-2019	9.00		6	25	31	
		30-11-2019	9.00		0	31	31	
Total					24	68	92	

	DMA No	Date	Time	venue	# of Participants			
					Male	Female	Total	
Community Meeting	614	25-7-2019	11.30	1/B Baily Road	0	15	15	Importance of the Project, Implementation Strategy and HH Connection & Pipe line Distribution. Formation of GRC
		27-7-2019	12.00	1/A New Baily Road	0	15	15	
		25-8-2019	11.00	Sunny View School	0	15	15	
		26-8-2019	11.45	Pre Cadet School, Dilu Road	0	21	21	
		2-9-2019	10.35	Siddheswari Road Ramna	0	13	13	
		16-9-2019	11.00	New Eskaton Road	0	25	25	
		20-10-2019	11.15	Espahani Girls School, Mogbazar	0	26	26	
		22-10-2019	11.45	Eskaton Garden Road	0	20	20	
		3-11-2019	11.15	41/1/A Siddheswari Road	0	15	15	
		5-11-2019	11.30	Eskaton Garden Road	0	13	13	
		11-11-2019	11.00	New Eskaton Road	0	15	15	
		15-12-2019	11.45	Siddheswari Road Ramna, Dhaka	0	25	25	
		18-12-2019	11.00	New Eskaton Road	0	20	20	
	615	19-11-2019	11.50	Shantinagar Bazar Road	0	14	14	
		21-11-2019	12.00	Bijoy nagar Road	0	12	12	
Total					0	264	264	

Appendix-i Photo Gallery of Activities



DPD provide inaugural speech in the CBO Training DMA 611, November 02, 2019



Question and answer session at CBO training, DMA 611. October 30, 2019



Resettlement and Awareness Expert provide training to CBO members DMA 611, November 23, 2019



Key personal Interview with school teacher, DMA 14. July 10, 2019



Meeting with student's parents. DMA 614, August 20, 2019



Meeting with student's parents, DMA 614, August 26, 2019



Key Personal Interview with the NGO person, DMA 614 August 16,2019



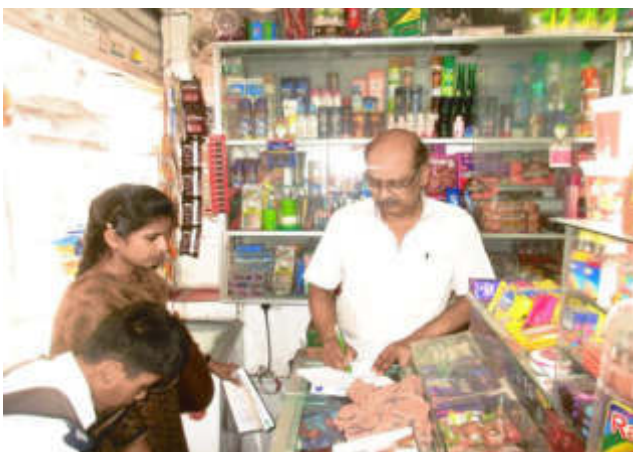
Key Personal Interview with the shop Keeper, DMA 615. August 21,2019



Local problem solve through dialogue, DMA 614, September 6,2019



Key Personal Interview with the NGO Personal at DMA 614, September 16,2019



Meeting with Shop keeper, DMA 614, August 12, 2019



Local problem solve through dialogue, DMA 615 September 10, 2019



Women working in civil works DMA, 614, October 22,2019



Key Personal Interview with the NGO personnel, 24 October,2019



Women working in civil works DMA 615, November 4,2019



Women working in civil works DMA 616, 14 November,2019



Contractor Pouring water on the road DMA 616, 10 December,2019



Key Personal Interview with the house owner at DMA 616,18 November, 2019

	
<p>Problem solve through discussion with Contracture and Local people, Santibag DMA 614. July 4, 2019</p>	<p>Discussion with house owner DMA 614, July 14, 2019</p>

Appendix-ii Safeguards Compliance Monitoring Form

Country	: Bangladesh
Mission Date	: November 2015

Project Data			
Project Name	:	Loan 3051-BAN: Dhaka Environmentally Sustainable Water Supply Project	
Safeguards Categorization		A	B
	IR	✓	
	IP		✓

A. Design and Engineering Status

Item	Completion Status (Y/N)	Follow up required (Y/N)	Note
Final detailed engineering design of the project activity completed	Yes	Follow up Required	

B. Institutional Status

Sl. No.	Item	Status (Ready/Not ready/NA)	Remarks	Note
1	Mobilization of key experts	Ready		
2	Mobilization of supporting staff and surveyor	Ready		
3	Establishment of local offices	Ready		
4	Appointment of government counter Resettlement Plan arts	Ready		

C. IR/IP Safeguards Supervision Checklist (to be completed as relevant)

Item No.	Safeguards Related Task	Status (Ready/Not ready/ NA)	Progress to Date/ Remarks
1.0	MANAGEMENT		
Institutional Arrangements			
1.1	Financing and budget : (i) safeguard office and staff; (ii) RESETTLEMENT PLAN/IPP cost	Ready	
1.2	Establish Safeguard Unit: (i) resettlement offices (ii) resettlement staff as in RESETTLEMENT PLAN (iii) safeguards' database (iv) facilities (v) safeguards training	Ready	
Updating of DD/RESETTLEMENT PLAN/IPP based on Detailed Design			
1.3	Update DD/RESETTLEMENT PLAN/IPP: (i) revise based on DMS (ii) revise implementation schedule (iii) revise	Ready	
1.4	Compensation rates: (i) approved by Government; (ii) Adequate as per Resettlement Framework; (iii) APs		
Disclosure and Grievance Redress Arrangements			
1.5	Disclose Resettlement Plan/IPP: (i) updated/final Resettlement Plan/IPP and/or (ii) sub-project Resettlement Plans; (ii) to the APs in local language; (iii) on ADB website.	Ready	
1.6	Grievance redress committees: (i) clear terms of reference; (ii) appointment decree; (iii) publicly disclosed among APs.	Ready	
Monitoring and Reporting Arrangements			
1.7	Set up internal monitoring system : (i) assess capacity and staff requirements; (ii) criteria of assessment ; (iii) reporting mechanism		Ongoing
1.8	Appoint external monitoring agency (as relevant): (i) recruitment schedule; (ii) TOR; (iv) baseline survey (v) reporting mechanism	Not Ready	
1.9	Reporting: (i) frequency; (ii) timeliness; (iii) identified issues; (iv) action taken and/recommendation.	Ready	
2.0	IMPLEMENTATION		
Consultation			
2.1	Consultation: (i) responsibility; (ii) stakeholders Identified; (iii) consultation and process; (iv) documentation	Ready	
Mapping and Inventory			
2.2	AP Identity cards and records	Ready	
2.3	Land acquisition activities: (i) maps of affected and relocation sites; (ii) acquisition and relocation schedule; (iii) coordination with the asset's acquiring, transfer and registration bodies	Ready	
2.4	Common property/ public assets: (i) final inventory; (ii) restoration plan and schedule; (iii) funding sources	Ready	
Compensation, Relocation and Rehabilitation			
2.5	Payment of compensation and entitlements (as stated in the RESETTLEMENT PLAN): (i) schedule; (ii) records	Ready	

Item No.	Safeguards Related Task	Status (Ready/Not ready/ NA)	Progress to Date/ Remarks
2.6	Relocation of households (i) site readiness; (ii) housing construction and associated facilities	Ready	
2.7	Income restoration plan (as stated in the Resettlement): (i) activities; (ii) schedule	Ready	
Monitoring and Reporting			
2.8	Reporting: (i) semiannual monitoring reports; (ii) external monitoring and evaluation reports; (iii) completion report	Ready	

Appendix-iii Safeguard Committee



Office of the Project Director
 Dhaka Environmentally Sustainable Water Supply Project (DESWSP)
 Dhaka Water Supply and Sewerage Authority
 WASA Bhaban, 98, Kazi Nazrul Islam Avenue (9th Floor)
 Kawran Bazar, Dhaka-1215

Web site www.deswsp-dwasa.com, Email: pddeswspgwtp@gmail.com, Fax & Tel: 88-02-8189095

Memo no: 46.113.618.00.00. G 97DESWSP/ 3327

Date- 10.10.17

Office Order

Sub: Formation of Safeguard Implementation unit (social and resettlement) and Environmental Safeguard under ICB 02.7 and water treatment plant related works.

With due regards based on subject mentioned this is to notify you that implementing the Social Safeguard (Gender & Resettlement) and Environmental Safeguard activities under output-1 & Output-2 (DNI) the PMU has formed Safeguard Implementation Unit (SIU) and approved the same by the competent authority.

Social Safeguard (Environment):

SI	Name & Designation	Position in SIU
1.	Md. Shafiqur Rahman, DPD, DESWSP, DWASA.	Convener
2.	Md. Khairul Bashar, Executive Engineer, DESWSP, DWASA.	Member
3.	Mostafizur Rahman, Executive Engineer, DESWSP, DWASA.	Member
4.	Representative from MDSC/MSC, DESWSP, DWASA.	Member
5.	Sr. Water Supply Engineer, DESWSP, DWASA.	
6.	Safeguard Officer (Environment), DESWSP, DWASA.	Member Secretary
7.	Md. Alamgir Hossain, AE, DESWSP, DWASA.	Member
8.	Representative from contractor of DNI and WTP related works	Member

Social Safeguard (Gender & Resettlement):

SI	Name & Designation	Position in SIU
01.	Bahrul Islam, DPD, DESWSP, DWASA.	convener
02.	Md. Mizanur Rahman, Executive Engineer, DESWSP, DWASA.	Member
03.	Representative from MDSC/ MSC, DESWSP, DWASA.	Member
04.	Safeguard Officer Social and Gender, DESWSP, DWASA.	Member Secretary
05.	Tariqul Islam, Assistant Engineer, DESWSP, DWASA.	Member
07.	Representative from contractor both DNI and WTP related works)	Member
08.	Representative from NGO DORP/ SAMAHAR, DESWSP.	Member

ToR of SIU: Safeguard (Environment)

The Safeguard Officer (Environment) in the SIU (Environment), assisted by the environmental specialists on the MDSC & MSC team, will oversee implementation of environmental safeguards work under the project (Output 1 and output 2), including the following activities under the supervision of Deputy Project Director(DPD)-2, DESWSP, DWASA:

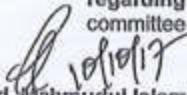
- i. Update draft IEEs/EMPs prepared during feasibility study based on detailed designs in accordance with ADB's Safeguards Policy Statement (SPS, 2009) and Environmental Conservation Rules (ECR 1997) and submit to ADB for review, final approval and disclosure prior to commencement of works (note: a single document will be finalized to fulfill ADB and government environmental impact assessment (EIA) requirements);
- ii. Facilitate and confirm overall compliance with Government of Bangladesh rules (e.g., ECR 1997), oversee timely preparation and finalization of EIA by contractor, and obtaining all required clearances and environmental permits in timely manner prior to construction;
- iii. Monitor EMP implementation by the contractors during construction including all mitigation measures and environmental parameters (air and water quality, noise etc.) and taking corrective actions where necessary;

- iv. Address and record grievances through the Grievance Redress Mechanism in a timely manner, and taking quick corrective actions where necessary; and
Review Semi-annual environmental monitoring reports submitted to DWASA by consultants and submitting semi-annual environmental monitoring reports to ADB. All semi-annual monitoring reports submitted to ADB will be disclosed on ADB's website, as per ADB safeguards and communication policies. **SIU will report to the PD regarding progress/observation/challenges etc. on regular basis monthly.**

ToR of SIU: Social Safeguard (Gender & Resettlement)

The Safeguard Officer (Social and Gender) in the SIU, assisted by the resettlement specialists on the MDSC & MSC team, will oversee implementation of involuntary resettlement safeguards work under the project (Output-1 and Output-2) with support of qualified NOGs to implement the RPs. The SIU will oversee the stated activities under the supervision of Deputy Project Director 1, DESWSP, DWASA:

- i. Update RPs accordance with ADB's safeguards Policy Statement (SPS, 2009) based on detailed designs and submitting to ADB for review, final approval, and disclosure prior to commencement to works;
- ii. Monitor RP implementation and rehabilitation for displaced persons prior to and during construction;
- iii. Conduct internal and external monitoring of the resettlement process to ensure smooth implementation;
- iv. Monitor work of Resettlement NOGs;
- v. Ensure timely payments of compensation and other entitlements as per the RP are made before displacement occurs;
- vi. Consolidate quarterly resettlement monitoring reports prepared by NOGs into semi-annual monitoring reports to be submitted to ADB;
- vii. Address and record grievances through the Grievance Redress Mechanism in a timely manner, and taking quick corrective actions where necessary to facilitate the redressed of grievances in coordination with contractors, NGO and displaced persons;
- viii. Engage in ongoing meaningful consultations with stakeholders and affected persons.
Recruit independent external monitoring agency with endorsement from ADB. The TORs of NGO to facilitate RP implementation and External Monitoring Agency are in the Appendix C, Appendixes D, E and F provide samples of draft project leaflet, grievance redress form and semiannual safeguards monitoring template. EMA will collect all relevant from SIU. **SIU will report to the PD regarding progress/observation/challenges etc. on regular basis monthly.** The concern committee will administer the stated ToRs.


Md. Mahmudul Islam
Project Director
DESWSP Project, Dhaka WASA.

CC. (not order in seniority)

1. DPD-1/2, DESWS Project, Dhaka WASA
2. Executive Engineer-1/2/3, DESWS Project, Dhaka WASA
3. Sr. WSE, DESWS Project, Dhaka WASA
4. Sub Divisional Engineer, DESWS Project, Dhaka WASA
5. Assistant Engineer,..... DESWS Project, Dhaka WASA
6. Safeguard Officer (Env)/ (S&G).....DESWS Project, Dhaka WASA
7. Team Leader, MDSC/MSC, DESWS Project, Dhaka WASA
8. National Resettlement Specialist, MDSC, DESWS Project, Dhaka WASA
9. Resettlement Specialist, MSC, DESWS Project, Dhaka WASA
10. Contract Management Expert (CME, MSC), DESWS Project, Dhaka WASA
11. CM ICB 02.7 DESWSP DWASA
12. Team Leader, DORP/SAMA HAR, DESWS Project, Dhaka WASA
13. Team Leader EMA, DESWSP DWASA

Appendix-iv Entitlement Matrix

Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsibility
Loss of livelihood (temporary)	Business activity disrupted by construction work	<ul style="list-style-type: none"> i) Legal titleholders, licensed vendors; ii) Tenants, leaseholders; and iii) Persons with non-recognizable claims (non-licensed hawkers, vendors, employees of shops, etc.) 	<ul style="list-style-type: none"> - Provision of information to APs 60 days prior to works. - Cash compensation, calculated at the amount of income lost during the period of disruption. - Compensation will be paid regardless of whether or not the business closes during the construction period. 	<ul style="list-style-type: none"> - Mobile hawkers and vendors will be assisted by contractor in moving to alternative locations during the period of construction. - Temporary sites to continue economic activity will be identified. - The date of the DMS census shall serve as the cut-off date. - Shop owners will be encouraged to maintain any employees if shifted. If employees are not kept as a result of a shift, then they will be entitled to compensation for lost income as per the RESETTLEMENT PLAN of the Gandharbpur water treatment component of this project. - The period of disruption will be assumed to be 5 days. 	<ul style="list-style-type: none"> - DWASA, PMU resettlement specialist and MDSC resettlement expert will determine income lost during the construction periods through detailed business survey to determine the daily net income of the affected businesses. - DWASA, PMU resettlement specialist and MDSC resettlement expert will determine eligible affected businesses through detailed business survey. - Contractor will perform actions to minimize income/access loss. - Contractor will be responsible for notices and reminders. - DWASA, PMU resettlement specialist and MDSC resettlement expert will monitor contractor action.
Loss of access (temporary)	Access to houses, shops, and common property	<ul style="list-style-type: none"> i) Residents. ii) Shop customers. 	<ul style="list-style-type: none"> - Provision of information to APs 60 days prior to works. - Temporary access 	<ul style="list-style-type: none"> - Construction contracts will require contractors to provide planks and metal sheets where necessary to allow access across 	<ul style="list-style-type: none"> - Contractor will be responsible for notices and reminders. - The MDSC will ensure

Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsibility
	resources common (including community structures and facilities) disrupted by construction work.		<p>structures will be provided to allow pedestrians and vehicles to cross trenches safely.</p> <ul style="list-style-type: none"> - Restoration of affected common property resources/community buildings and structures to at least previous condition, or replacement or restoration of access to similar facilities in areas identified, in consultation with affected communities and relevant authorities 	<p>trenches by pedestrians and vehicles respectively.</p> <ul style="list-style-type: none"> - Extreme care should be taken by the contractors to avoid damage to any properties during construction. Compensation for the losses/damages will be borne by the contractor. 	<p>that contractors have sufficient planks and metal sheets available before any trench construction begins.</p> <ul style="list-style-type: none"> - DWASA, PMU resettlement specialist and MDSC resettlement expert will monitor contractor action. - Contractors will restore or replace affected community structures and facilities and coordinate with other government agencies for restoration of utilities.
Impacts on vulnerable APs	Special provisions (in addition to any other compensation for loss income)	Vulnerable APs	<p>Support for alternative livelihoods:</p> <ul style="list-style-type: none"> - Employed preferentially in workforces created by this project (construction and operations and maintenance) if suitable, or cash compensation at Tk 350 per day for up to 5 days. <p>Assured involvement in project activities.</p> <ul style="list-style-type: none"> - Assured of representation on project-related consultative committees and other communication and planning forums. 	<ul style="list-style-type: none"> - Construction contracts will require contractors to employ specific numbers of vulnerable APs in their construction workforces. - DWASA will adopt targets of the numbers of vulnerable APs to be employed long-term in operations and maintenance workforces for DWSSDP. - Representation from vulnerable APs will be a requirement of all committees and consultation forums for DWSSDP. 	<ul style="list-style-type: none"> - DWASA, PMU resettlement specialist and MDSC resettlement expert will monitor contractor action.

Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsibility
Damage caused to government or private property and assets during construction	Partial or total damage to permanent structures	<ul style="list-style-type: none"> i) Legal titleholders; ii) Tenants, leaseholders; and iii) Persons with non-recognizable claims (informal settlers) 	<ul style="list-style-type: none"> - Replacement cost of restoring to original or better condition 	<ul style="list-style-type: none"> - Extreme care should be taken by the contractors to avoid damaging any properties or assets during construction. - Compensation for the losses will be the responsibility of the contractor, as a part of the contract. 	<ul style="list-style-type: none"> - Contractor responsible for compensation. - DWASA, PMU resettlement specialist to monitor. - MDSC resettlement expert and resettlement specialist.
Loss of structures in RoW	Temporary or semi-permanent structures or stalls and other assets	<ul style="list-style-type: none"> i) Legal titleholders, licensed vendors; and ii) Tenants, leaseholders; and iii) Persons with non-recognizable claims (informal settlers, non-licensed hawkers, vendors, etc.) 	<ul style="list-style-type: none"> - Replacement cost of the structure and other assets (or part of the structure and other assets, if remainder is viable) - 60 days advance notice, followed by remainder is 1 week and 24 hours in advance. - Shifting assistance from and back to the location. - Right to salvage materials from structure and other assets. - Additional compensation for vulnerable households of Tk 350 /day for up to 5 days, or employed preferably in workforces created by the project. 	<ul style="list-style-type: none"> - Temporary shifting for 5-7 days during period of construction. - Vulnerable households will be identified during the DMS survey. 	<ul style="list-style-type: none"> - Extent of impacts to be verified by PMU resettlement specialist, MDSC resettlement expert, and contractors through DMS census (100% data collection of affected households/businesses) to determine assistance. - PMU and contractors will identify alternative site. - Contractor will be responsible for notices and reminders. - Contractors will help in shifting.
Temporary disruption in water supply service	Reduced water supply hours	Residents and business owners	<ul style="list-style-type: none"> - Alternative sources of water should be made available during the construction period. 	<ul style="list-style-type: none"> - The time lag between the construction of new system and transfer from the old system should be minimized. 	<ul style="list-style-type: none"> - PMU and contractors will identify alternative source of water supply during period of disruption. - Contractor will be

Type of Loss	Application	Definition of Entitled Person	Compensation Policy	Implementation Issues	Responsibility
					responsible for notices and reminders. - PMU will be responsible for providing water supply to APs.
Damage to water supply connections during pipe replacement or rehabilitation	Damaged water connection pipe to property	Residents and business owners	- Immediate replacement and restoration of connection	- Care should be taken by the contractors to avoid damage to connections during construction. - Cost of replacement of connection will be borne by the contractor.	- Contractor will restore or replace affected connections. - DWASA, PMU resettlement specialist and MDSC resettlement expert will monitor contractor action.
Unidentified losses	Any other loss not identified in this matrix	Affected person	- Unanticipated involuntary impacts will be documented and mitigated based on principles in the project resettlement framework	- Actions to address any issues will be proposed by PMU resettlement specialist. - Proposed action will follow ADB SPS, 2009 and adopt a similar approach as outlined above, if applicable	- MSC resettlement expert will help PMU resettlement specialist ascertain the nature and extent of such loss and finalize the entitlements in line with the principles in the project resettlement framework, ADB SPS, 2009, and Government of Bangladesh ARIPOF. - PMU will seek approval of ADB.

Appendix v – Payment sheet (1-2)



AP ID CARD (CARD # 03)
Address: 27/5/A Topkhana Road, Dhaka
Mobile # 01796257519

Name: Md. Selim
Father's Name: Late Abdul Khaleque
Mother's Name: Mrs. Sofia Khatun
Business Address: 27/5/A, Topkhana Road
Nature of Grievance: Business Loss

Signature of AP: *Md. Selim*
Signature of TL SAMAHAR: *[Signature]*
Signature of PD DESWSP, DWASA: *[Signature]*

Environmentally Sustainable Water Supply Project (DESWSP)
by the Affected People (Grievance), DMA-615 under Resettlement Work

Date: 27.12.2019

Age	Nature of Work	Location	Average Profit /Day	No of Days	Total Compensation	Signature	Remarks			
35	Fruits & Vegetables	27/5 A Topkhana Road	500	15	7500.00	<i>Md. Selim</i>				
2	Md. Touki Mia	Md. Ratan Mia/ Mrs Shirin Akter	22	Grocery	27/6 C Topkhana Road	600	7	4200.00	<i>[Signature]</i>	
3	Md. Anis Haowlader	Late Ali Akbar Hawlader / Late Mokimunnesa	60	Tea Stall	27/5 B Topkhana Road	600	7	4200.00	<i>[Signature]</i>	
4	Shuvash Chandra Basu	Late Jogesh Chandra Basu / Late Taru Bala Basu	59	Grocery	27/11/A Topkhana Road	650	7	4550.00	<i>[Signature]</i>	
5	Md. Abdul Hai	Late Taher Majhi /Late Chandravan	60	Grocery	27/11/1 Topkhana Road	600	7	4200.00	<i>[Signature]</i>	
Total						24650.00				

[Signature]
Representative of
NGO, SAMAHAR

[Signature]
30.12.2019 29/12/19
Representative of
MSC/DWASA

Project Director
DESWSP, DWASA

Appendix-5

Locally Sustainable Water Supply Project (DESWSP)
for the AP (Grievance) DMA-615 under Resettlement Work

Time: 11.00 am

SL #	Name of AP (Grievance)	Father's Name	Address	Nature of Grievance	Amount of Compensation (BDT)	Cheque # and Name of Bank Where From Cheque Issued	Account # and Name of Bank Brance Where the Cheque to be Deposited	Receiver's Signature
1	Asgari Begum	Late Chan Mia	27/8/C Topkhana Road, Dhaka	Accident	84,015.00	Cheque # CD/A-6090335 Ductch-Bangla Bank Ltd. Payable at 090273889	Account Title MST. ASGARI BEGUM A/C # 4426334090434 SONALI BANK LIMITED, RAMNA CORPORATE, DHAKA 200275714.	


Signature of
Team Leader SAMAHAR

Signature of
Contractor Representative


Signature of
MSC & DWASA Representative

Signature of PD
DESWSP, DWASA


Appendix –vi Brochure



SAMAHAR



WASA



ADB

ঢাকা এনভায়রনমেন্টালী সাসটেইনেবল ওয়াটার সাপ্লাই প্রজেক্ট
 ঢাকা ওয়াসা, ওয়াসা কবন
 ৯৮, কাজী নজরুল ইসলাম এভিনিউ (৯ম তলা), কাওরান বাজার, ঢাকা - ১২১৫,
 ফোন: ৮৮-০২- ৮১১৯০৯৫; ফ্যাক্স: ৮৮-০২- ৮১১৯০৯৫,
 Website: www.deswsp-dwasa.com

বাস্তবায়নের পর কার্যকর পরিবর্তন

বর্তমান অবস্থা	কার্যকর পরিবর্তন
খারাপ মানের মালামাল ব্যবহার বা কাজের খারাপ মানের জন্য পাইপ লাইনে ছিদ্র/লিক দিয়ে পানির অপচয়	উন্নত মানের মালামাল ব্যবহার বা ভাল মানের কাজের জন্য পাইপ লাইনে কোনো ছিদ্র থাকবে না ও অপচয় হবে না
পাইপ লাইনে ছিদ্র থাকার কারণে পানি দুর্বিত হওয়া	ছিদ্র না থাকে এবং পানির যথেষ্ট প্রেসার থাকার কারণে পানি দুর্বিত হবে না
সরবরাহকৃত পানির অপচয়ের হার অনেক বেশি	সরবরাহকৃত পানির সীমিত/ ন্যূনতম অপচয়
ঢাকা ওয়াসার বিশাল রাজস্ব/আয় হ্রাসনো	ঢাকা ওয়াসার রাজস্ব আয় বৃদ্ধি
যথেষ্ট চাপ ছাড়া অনিয়মিত এবং স্বল্প পরিমাণ পানি সরবরাহ	পানির যথেষ্ট চাপসহ নিয়মিত পানি সরবরাহ এবং গ্রাহকদের চাহিদা অনুযায়ী পানি সরবরাহ
পানির যথেষ্ট চাপ না থাকার কারণে সাকশন পাম্প ব্যবহার করা এবং বেশি মোটা পাইপের গৃহ সংযোগ ব্যবহার করা	পানির যথেষ্ট চাপ থাকার কারণে সাকশন পাম্প ব্যবহার না করা এবং বেশি মোটা পাইপের গৃহ সংযোগ ব্যবহার না করা
ফিল্টার বা সিঙ্ক করে পানি বিতরণ করা	ফিল্টার বা সিঙ্ক করে পানি বিতরণ করার প্রয়োজন পড়বে না

প্রকল্পের প্রতিনিধির সাথে যোগাযোগ
 উপরোক্ত কাজগুলো করার জন্য ঢাকা ওয়াসা কর্তৃক ইস্যুকৃত আইডি কার্ডধারী ওয়াসা কর্মকর্তা/কর্মী, ঠিকাদারী প্রতিষ্ঠানের প্রতিনিধি বা এনজিও প্রতিনিধি প্রতিটি গ্রাহকের বাড়ি/বাসায় যাবেন এবং প্রয়োজনীয় তথ্য সংগ্রহ করবেন।

যে কোনো অভিযোগ বা তথ্যের জন্য নিম্ন ঠিকানায় যোগাযোগ করুনঃ

ঠিকাদার/ প্রতিনিধিঃ
০৯৬১৩৭৩৭৭৭৭

কনসালটেন্ট/বিশেষজ্ঞ প্রতিনিধিঃ
০১৯১১৯১৭৭১৬

এনজিও প্রতিনিধিঃ
০১৯১৪-৭২৫২০৬
০১৭৪৩-৯৪৭৯৩২

নির্বাহী প্রকৌশলী,
মডুস জোন অফিসঃ
০১৮১৯-২২৯৪২০


পিপি আই রাজস্ব জোন -৬
০১৮১৯-২১১৮০২

অভিযোগ কেন্দ্র (ঢাকা অফিস)ঃ
০২৭১৯৬৪১৩

বাস্তবায়ন কৌশল
 গতানুগতিক পাইপ স্থাপন পদ্ধতি থেকে এই প্রকল্পের পাইপ স্থাপন বাস্তবায়ন কৌশলও ভিন্ন। এই প্রকল্প ঢাকা ওয়াসার কর্মী ছাড়াও আরো তিন শ্রেণীর ব্যক্তি/প্রতিষ্ঠান জড়িত, যেমন, এড্ভি-ওয়াসা প্রকল্প ডিজাইন ও সুপারভিশনের জন্য কনসালটেন্ট নিয়োগ করেছে, একটি এনজিও এবং একটি আন্তর্জাতিক ঠিকাদার নিয়োগ করা হয়েছে।


প্রকল্পের গুরুত্ব
 ঢাকা শহরে পানি সরবরাহ পরিস্থিতির উন্নতির জন্য ঢাকা ওয়াসা এশীয় উন্নয়ন ব্যাংক-এর সহায়তায় “ঢাকা এনভায়রনমেন্টালী সাসটেইনেবল ওয়াটার সাপ্লাই প্রজেক্ট” নামে একটি প্রকল্প গ্রহণ করেছে। এই প্রকল্পের মূল উদ্দেশ্য হল পানির অপচয় রোধ করা এবং পানির গুণগতমান ও পর্যাপ্ত সরবরাহ নিশ্চিত এবং পানির যথেষ্ট পরিমাণ প্রেসার বা চাপ অব্যাহত রাখা যাতে সম্বন্ধিত গ্রাহকগণ কোনো প্রকারের অতিরিক্ত চেষ্টা ছাড়া যেমন, সাকশন পাম্প দিয়ে পানি টানা বা ফিল্টার ব্যবহার করা/ফুটিয়ে পানি বিতরণ করার প্রয়োজন না হয়। এই প্রকল্পের অন্যতম উদ্দেশ্য হল ডিএমএ চালুর মাধ্যমে ২৪ ঘণ্টা পানির পর্যাপ্ত চাপসহ সরবরাহ নিশ্চিত করা। অবিকালে পাইপ লাইন (ডিএমএ) পুনর্বাসন করা হবে, মাটির জিতর দিয়ে হেরিজটাল ডিরেকশনাল ড্রিপিং বা পাইপ বান্টিং অর্থাৎ বোরিং পদ্ধতিতে (অর্থাৎ উন্মুক্ত মাটি খনন না করার পদ্ধতিতে) এবং খুব সামান্য স্থানে মাটি খনন করে তা করা হবে, যাতে মানুষের খুব কম অসুবিধা হয়, এবং রাজস্বও খুব কম ক্ষতি হয়।

পুরাতন/সনাতন পদ্ধতি



সনাতন উন্মুক্ত মাটি খনন পদ্ধতিতে পাইপ বসানো

প্রকল্পের নতুন পদ্ধতি



মাটি খনন না করে বোরিং পদ্ধতিতে পাইপ স্থাপন

Appendix-iv

আন্তর্জাতিক ঠিকাদারের কাজের মান যাচাই করছে ডিজাইন ও সুপারভিশন কনসালটেন্ট এবং যাতে মানুষের কোনো অসুবিধা না হয় এবং ক্ষতিগ্রস্ত না হয় সে বিষয়ে মানুষের সহযোগিতার জন্য এনজিও তাঁদের অবহিত ও সহায়তা করছে। ঠিকাদার কি কাজ করবে শুরুতে এনজিও সকল গ্রাহককে সে সম্পর্কে অবহিত করবে এবং প্রকল্পের কাজ শেষ না হওয়া পর্যন্ত গ্রাহকের পানি সংক্রান্ত চাহিদা পূরণে বা সমস্যা সমাধানে কাজ করবে। বিশেষ করে এনজিও কাজ সম্পর্কে তথ্য প্রচার করবে, যেমন, কী কী সমস্যা হতে পারে, যার মধ্যে সাময়িক পানি সরবরাহ সমস্যা, রাখায় গাড়ি চলাকালীন সমস্যা, সাময়িক পানি সরবরাহ বিচ্ছিন্ন ও ঠিকাদার কর্তৃক বিকল্প পানি সরবরাহ, প্রকল্প চলাকালীন সময়ে কোনো সমস্যা হলে গ্রাহকরা কার সাথে যোগাযোগ করবেন, নতুন সংযোগ বা পরিবর্তিত সংযোগ পেতে হলে, মিটার পরিবর্তন করতে হলে, গেইট ভাঙ এবং ফুট ভাঙ পরিবর্তন করতে হলে কার সাথে যোগাযোগ করতে হবে, ইত্যাদি।

প্রকল্প থেকে যে-সব কাজ করা হবে:

প্রকল্পের কাজ ডিএমএ বা ডিস্ট্রিক্ট মিটারড এরিয়া (DMA) পদ্ধতি অনুসরণ করে সম্পন্ন করা হবে।

বিতরণ ব্যবস্থা (পাইপ লাইন)

- ক. সমস্ত পুরনো, ভাঙ্গা বা লিক হওয়া পাইপ লাইন উন্নত মানের এইচডিপি পাইপ ও ফিটিংস দিয়ে (গেইট ভাঙ, পানির মিটারসহ) বদল করা হবে।
- খ. সমস্ত পাইপ পানির নির্ধারিত প্রেসার দিয়ে পরীক্ষা করা হবে যাতে করে প্রেসার নেয়ার মতো এবং লিক নিশ্চিত করা যায়।
- গ. ব্যবহারের আগে স্থাপনকৃত পাইপ জীবাণুমুক্ত করে গ্রাহকের ব্যবহার উপযোগী করা হবে
- বাসা-বাড়ীর সংযোগ (হাউস কানেকশন)**
- ক. বিনা খরচে সমস্ত বাসা বাড়ীর সংযোগ মিটারসহ পরিবর্তন করা হবে: ঢাকা ওয়াসা পুরনো মিটার নিয়ে যাবে। নতুন সংযোগের জন্য দরখাস্ত করতে হবে এবং তার জন্য খাতাবিকভাবে যেভাবে ফি দিতে হয় সেভাবে দিতে হবে। (পানির প্রেসার বাড়ার ফলে আর বড় আকারের পাইপ সংযোগ লাগবে না)
- খ. বস্তি এলাকায় ওয়াসার নিয়ম অনুযায়ী সিবিও-এর মাধ্যমে সংযোগ দেয়া হবে যার জন্য তাঁদেরকে ওয়াসা মডল জোনে আবেদন করতে হবে।
- গ. ঠিকাদার হাল নাগাদ বিল যাচাই করবেন, মিটার রিডিং দেখবেন, সংযোগের অনুমতিপত্র দেখবেন; তা ছাড়া কোনো পূর্ণসংযোগ দিবেন না।
- ঘ. বাড়ীর সীমানা দেয়ালের (বাউভারী ওয়ালের) কাছাকাছি মিটার চেয়ার বসাতে হবে।
- ঙ. মিটার নিজের রিজার্ভারের ফুট বাধ প্রকল্পের অর্ধে পরিবর্তন করা হবে/ নতুন করে লাগানো হবে।
- চ. সমস্ত অবৈধ সংযোগের ক্ষেত্রে ঢাকা ওয়াসার নিয়ম অনুসরণ করে পূর্ণরায় সংযোগ দেয়া হবে।
- ছ. প্রকল্প বাস্তবায়নের সময়ে সমস্ত সংযোগ ঢাকা ওয়াসার পরিবর্তে ঠিকাদার প্রদান করবেন।
- জ. প্রকল্প বাস্তবায়নের পর ৩ মাস পর্যন্ত কোনো নতুন সংযোগ দেয়া হবে না।

